

Converting Colors

$Yxy(63.1267, 0.2939, 0.3078)$

Have a look what the booklet for
Yxy(63.1267, 0.2939, 0.3078)
contains.

Yxy(62.9372, 0.2941, 0.3073)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.9372, 0.2941, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	C8D0E3
RGB	200, 208, 227
RGB Percent	78%, 82%, 89%
CMY	0.2158, 0.1843, 0.1099
CMYK	0.12, 0.08, 0.00, 0.11
HSL	222°, 33%, 84%
HSV	222°, 12%, 89%
XYZ	60.2337, 62.9372, 81.6361
YIQ	207.7740, -10.8670, 4.2130

Conversions

Conversions Part 2

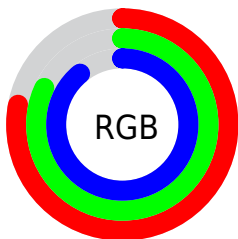
Format	Color
R _Y B	200, 206, 227
Decimal	13160675
CIE Lab	83.41, 0.99, -10.30
CIE LCh	83, 10.344, 275.469
Yxy	62.9372, 0.2941, 0.3073
Android (android.graphics.Color)	4291350755 (0xFFC8D0E3)
YUV	207.7740, 9.4784, -6.8178
Hunter-Lab	79.3330, -3.3061, -5.4782

Details

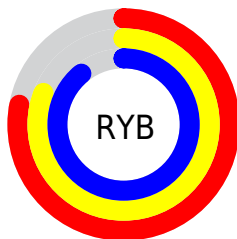
The Yxy color $62.9372, 0.2941, 0.3073$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71.1345, 0.3315, 0.3498$, and the grayscale version is $62.8642, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.2008, 0.2893, 0.3019$ is the 20% darker color. If you saturate the color by 10%, you get $52.6548, 0.2772, 0.2866$, and if you desaturate by 10%, it is $74.4705, 0.3099, 0.3257$.

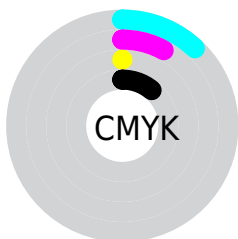
Distribution



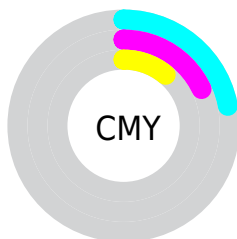
- Red (78%)
- Green (82%)
- Blue (89%)



- Red (78%)
- Yellow (81%)
- Blue (89%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9372, 0.2941, 0.3073 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 62.9372, 0.2941, 0.3073 by changing the saturation by 10% instead.

■ 62.9372, 0.2941,
0.3073

■ 62.9372, 0.2941,
0.3073

435.3415, 0.3029,
0.3176

■ 45.7904, 0.2920,
0.3049

109.0789, 0.2972,
0.3109

■ 32.0805, 0.2895,
0.3019

138.8426, 0.2984,
0.3123

■ 21.4230, 0.2861,
0.2981

173.5807, 0.2994,
0.3135

■ 13.4335, 0.2817,
0.2930

213.6777, 0.3003,
0.3145

■ 7.7277, 0.2756,
0.2860

259.5178, 0.3011,
0.3154

■ 3.9212, 0.2664,
0.2755

311.4856, 0.3018,

■ 1.6296, 0.2514,

0.3162

369.9654, 0.3024,
0.3169

0.2585

0.3774, 0.2014,
0.1986

0.0000, 0.0000,
0.0000

62.9372, 0.2941,
0.3073

62.9372, 0.2941,
0.3073

52.6548, 0.2772,
0.2866

74.4705, 0.3099,
0.3257

43.5719, 0.2593,
0.2637

87.2879, 0.3244,
0.3420

35.6454, 0.2409,
0.2388

98.3253, 0.3292,
0.3562

28.8262, 0.2226,
0.2125

■ 23.0613, 0.2051,
0.1855

■ 18.2932, 0.1893,
0.1589

■ 14.4579, 0.1761,
0.1340

■ 11.4824, 0.1661,
0.1120

■ 9.6245, 0.1603,
0.0970

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.9372, 0.2881, 0.3125



62.9372, 0.2941, 0.3073



62.9372, 0.3051, 0.3078

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.9372, 0.2941, 0.3073



62.9372, 0.3375, 0.3349



62.9372, 0.3068, 0.3450

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.9372, 0.2941, 0.3073



71.1345, 0.3315, 0.3498

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.9372, 0.3200, 0.3512



62.9372, 0.2941, 0.3073



62.9372, 0.3379, 0.3450

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.9372, 0.2941, 0.3073



62.9372, 0.3302, 0.3235



62.9372, 0.3314, 0.3511



62.9372, 0.2954, 0.3343

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.9372, 0.2941, 0.3073



62.9372, 0.3138, 0.3113



62.9372, 0.3314, 0.3511



62.9372, 0.3112, 0.3477

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62.9398, 0.2941, 0.3073



93.6300, 0.3066, 0.3220



72.3155, 0.2995, 0.3381



19.7907, 0.3054, 0.3207



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.9398, 0.2941, 0.3073



78.8774, 0.2905, 0.3030



59.8759, 0.2979, 0.2983



14.5827, 0.2981, 0.3120



5.7912, 0.1610, 0.0996



0.5856, 0.1690, 0.1284

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62.1811, 0.3280, 0.3202



77.7886, 0.3313, 0.3185



74.5642, 0.3265, 0.3587



14.4382, 0.3246, 0.3220



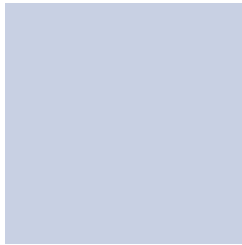
9.7823, 0.5765, 0.2950



0.7388, 0.5349, 0.2720

Previews

White Background



This preview shows how the Yxy color 62.9372, 0.2941, 0.3073 looks on a white background.

Color Contrast Check

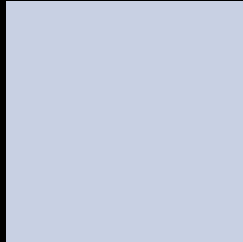
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 62.9372, 0.2941, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

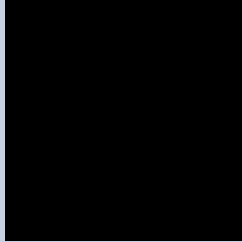
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

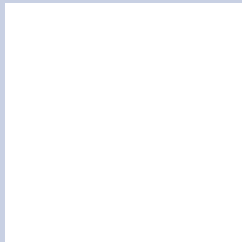
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9372, 0.2941, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 62.9372, 0.2941, 0.3073.



This preview shows how white text looks on a background with the Yxy color 62.9372, 0.2941, 0.3073.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62.9372, 0.2941, 0.3073

Protanopia

62.7554, 0.2990, 0.3064

Deuteranopia

62.7479, 0.3065, 0.3003



Tritanopia

62.8274, 0.2954, 0.3095

Trichromacy



Original Color

62.9372, 0.2941, 0.3073

Protanomaly

62.9540, 0.2976, 0.3074

Deuteranomaly

62.6361, 0.3013, 0.3022

Tritanomaly

62.8821, 0.2948, 0.3084

Monochromacy



Original Color

62.9372, 0.2941, 0.3073

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9972, 0.3057, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9372, 0.2941, 0.3073 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(200, 208, 227)` looks like.

```
.text, #text, p{  
    color:rgb(200, 208, 227)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(200, 208, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 208, 227) }
```

Border

The CSS property to change the border of an element to Yxy 62.9372, 0.2941, 0.3073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 208, 227) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(200, 208, 227) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(200, 208, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 208, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 208, 227);  
box-shadow:4px 4px 4px 4px rgb(200, 208,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9372, 0.2941, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 208, 227) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(200,  
208, 227) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor